

Serial No.: 10/723,058

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior listings of claims in the present application.

What Is Claimed is

1. (currently amended) A method of handover in a multimode mobile telecommunication network in which, to initiate a handover, the network sends to a mobile terminal a first group of system information via a first channel associated with circuit switching services and a second group of system information via a second channel associated with packet switching services, comprising the steps of:

- a) performing measurements at least in one neighboring cell on a basis of information contained in the second group of system information,
- b) sending to the network the measurements performed in step a),
- c) further performing measurements at least in one further neighboring cell on the basis of the information contained in the second group of system information,
- d) further sending to the network the measurements performed in step c), the further sending operation being performed in a message distinct from the sending operation, and
- [[c)] e) initiating the procedure of handover according to the measurements performed in step a),

wherein the network sends to the mobile terminal the first group of system information via the first channel after the performing measurements operation.

Serial No.: 10/723,058

2. (previously presented) The method according to claim 1, further comprising performing measurements in a neighboring cell based on information contained in the first group of system information associated with circuit switching services.

3. (original) The method according to claim 2, wherein the telecommunication network is a GSM/GPRS network, and wherein the first channel is a BCCH channel and the second channel is a PBCCCH channel.

4. (original) The method according to claim 2, wherein the telecommunication network is a UMTS network.

5. (currently amended) A mobile terminal used in a multimode mobile telecommunication network, the mobile terminal performing measurements for preparing for a handover in the network, the measurements depending either on a first group of system information sent by the network to the mobile terminal via a circuit switching channel or on a second group of system information sent by the network to the mobile terminal via a packet switching channel, the mobile terminal comprising:

means for performing measurements at least in one neighboring cell on a basis of information contained in the second group of system information,

means for sending to the network the measurements performed,

further means for performing further measurements at least in one further neighboring cell on the basis of information contained in the second group of system information.

further means for sending to the network the further measurements performed, and

Serial No.: 10/723,058

means for initiating the procedure of handover according to the measurements performed, wherein the network is adapted to send to the mobile terminal the first group of system information via the circuit switching channel after the measurements have been performed, and wherein the further measurements are sent in a message distinct from the sending of the measurements.

6. (previously presented) The method according to claim 1, wherein the performing measurements operation is performed immediately upon receipt of the second group of system information.

7. (previously presented) The mobile terminal according to claim 5, wherein the means for performing measurements is adapted to perform the measurements immediately upon receipt of the second group of system information.